

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Dan PETERS et al. Conf.:  
Appl. No.: NEW Group: 1625  
Filed: July 17, 2003 Examiner: E. HUANG  
For: 8-AZABICYCLO(3,2,1)OCT-2-ENE AND OCTANE  
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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 17, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).  
09/450,637

U.S. Filing Date(s)  
November 29, 1999

III. FEES

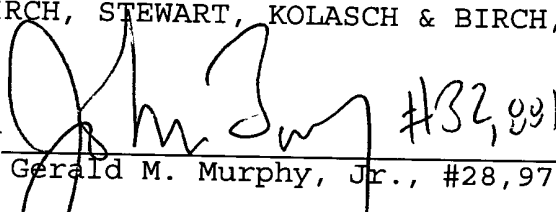
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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GMM/KJR/jmb  
2815-0224P

Attachment(s): ☒ PTO-1449(s)  
☐ References  
☐ Foreign Search Report  
☐ Other:

(Rev. 04/29/03)

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
2815-0224PAPPLICATION NO.  
NEWAPPLICANT  
Dan PETERS et al.FILING DATE  
July 16, 2003

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 3,133,073		1964-05-12	ARCHER			
	US 3,657,257		1972-04-18	HELSLEY			
	US 4,590,270		1986-05-20	KOMPIS et al.			
	US 4,774,249		1988-09-27	KOMPIS et al.			
	US 5,045,546		1991-09-03	HRIB et al.			
	US 5,731,317		1998-03-24	LU et al.			
	US 6,107,307		2000-08-22	AUDIA et al.			

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	WO	92/21339	A1	1992-12-10	PCT				
	WO	96/31508	A1	1996-10-10	PCT				
	WO	97/11072	A1	1997-03-27	PCT				
	WO	97/13770	A1	1997-04-17	PCT				
	WO	98/46600	A1	1998-10-22	PCT				
	WO	99/65492	A1	1999-12-23	PCT				
	EP	0122 580	A1	1984-10-24	EPO				
	EP	0 498 331	A1	1992-08-12	EPO				
	GB	2 247 886	A	1992-03-18	GREAT BRITAIN				
	GB	2 298 647	A	1996-09-11	GREAT BRITAIN				
	DE	2143 587		1972-03-09	GERMANY				

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Repke et al., *J. Org. Chem.*, Vol. 59, pp.2164-2171 (1994)Perregaard et al., *J. Med. Chem.*, Vol. 38, pp.1998-2008 (1995)Lyle et al., *The Journal of Organic Chemistry*, Vol. 35, No. 3, pp.802-805 (March 1970)Archer et al., *Nucleophilic Agents on 3 $\alpha$ -Chlorotropene*, Vol. 80, pp.4677-4681 (September 5, 1958)Zirkle et al., *Synthesis of the Tropane-3-Carboxylic Acids*, Vol. 27, pp.1269-1279 (April 1962)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449				ATTY DOCKET NO. 2815-0224P		APPLICATION NO. NEW	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT Dan PETERS et al.			
				FILING DATE July 16, 2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
<b>FOREIGN PATENT DOCUMENTS</b>							
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS
						TRANSLATION	
						YES	NO
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	Prokai-Tatrai et al., <i>Journal of Organometallic Chemistry</i> , Vol. 315, pp.231-236 (1986)						
	Banach et al., <i>Journal of Molecular Catalysis</i> , Vol. 31, pp.15-37 (1985)						
	Hanisch et al., <i>J.C.S. Perkin II</i> , pp.1202-1208 (1977)						
	Freter, <i>J. Org. Chem.</i> , Vol. 40, No. 17 (1975)						
	Lyle et al., <i>Journal of the American Chemical Society</i> , 89:17, pp.4563-4564 (XP 000612176) (August 1967)						
	Beckmann-Umlagerung et al., <i>Helvetica Chimica Acta</i> , Vol. 51, No. 1, pp.153-163 (1968)						
	<i>The Lancet</i> , "Nicotine and Tourette's Syndrome, p.1046 (October 28, 1989)						
	Merriam et al., <i>Psychiatric Annale</i> , Vol. 23, No. 4, pp.171-178 (April 1993)						
	Adler et al., <i>Biol. Psychiatry</i> , Vol. 32, pp.607-616 (1992)						
	Rowell et al., <i>Journal of Neurochemistry</i> , Vol. 43, No. 6, pp. 1593-1595 (1984)						
	Hall et al., <i>Biochemical Pharmacology</i> , Vol. 21, pp.1829-1838 (1972)						
	Bourgoin et al., <i>Naunyn-Schmiedeberg's Arch. Pharmacol.</i> , Vol. 296, pp.91-97 (1977)						
	Sershen et al., <i>Neurochemical Research</i> , Vol. 17, No. 3, pp.265-271 (1992)						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							